

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	Lee.in. near oug-ki	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/21 15:25
L2	65	phicom.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/21 15:25
L3	28	2 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/21 15:25
S1	387	381/380.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/21 15:18
S2	184	S1 and @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/23 15:39
S3	51635	Fukuda.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 12:04
S4	43310	S3 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 12:04
S5	31	S4 (bone near conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 12:05

## EAST Search History

S6	184228	kobayashi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 12:04
S7	153638	S6 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 12:04
S8	9	S7 (bone near conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 13:35
S9	218	diaphragm (bone near conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 13:45
S10	88	S9 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:16
S11	40	mastoid coil diaphragm (bone with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:28
S12	16	S11 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:17
S13	18	plate yoke coil diaphragm (bone with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:54

## EAST Search History

S14	15	"vibrating plate" (bone with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:54
S15	4	S14 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:57
S16	23	speaker mastoid plate telephone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 14:58
S17	17	S16 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:15
S18	9	subminiature bone conduction speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:18
S19	6	S18 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:16
S20	3	subminiature with bone with conduction with speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:18
S21	78739	(( "mobile phone" or mobilephone) or (mobile with phone) and "subminiature speaker")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:31

## EAST Search History

S22	34193	S21 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:24
S23	72	S22 bone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:25
S24	3	S21 hanging same voice coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:32
S25	320	S21 "hearing aid"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:49
S26	0	(hanging near coil)(vibrating near plate) acoustic yoke \$7phone subminiature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:52
S27	0	(hanging near coil)(vibrating near plate) acoustic yoke \$7phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:52
S28	0	(hanging coil)(vibrating near plate) acoustic yoke \$7phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:52
S29	27	( coil)(vibrating near plate) acoustic yoke \$7phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/26 15:53

## EAST Search History

S30	18	381/FOR.130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:05
S31	0	381/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:14
S32	326	381/FOR.127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:08
S33	326	S32 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:12
S34	11	S33 conduction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:13
S35	0	381/68.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:14
S36	0	(381/68.4).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 09:15
S37	493	(381/151).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:41

## EAST Search History

S38	190	S37 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:41
S39	0	381/199.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:01
S40	0	381/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:01
S41	0	381/34.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:02
S42	203	381/117.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:02
S43	76	S42 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:15
S44	1	JP358182398A	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:16
S45	0	"358182398"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:16

## EAST Search History

S46	432	(381/152).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:42
S47	196	S46 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:41
S48	276	(381/337).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 13:42
S49	163	S48 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 14:00
S50	1030	381/396.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 14:00
S51	518	S50 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/27 14:01
S52	0	"howling hole"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 11:34
S53	0	howling near hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 11:35

## EAST Search History

S54	45	howling with hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 14:23
S55	3343	howling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 12:01
S56	763	S55 @ad<"20020816"	US-PGPUB; USPAT	AND	ON	2006/07/19 12:01
S57	0	19hole	US-PGPUB; USPAT	AND	ON	2006/07/19 12:01
S58	187	S56 hole	US-PGPUB; USPAT	AND	ON	2006/07/19 12:02
S59	0	S58 speaker	US-PGPUB; USPAT	AND	ON	2006/07/19 12:02
S60	78	S58 speaker	US-PGPUB; USPAT	AND	ON	2006/07/19 12:07
S61	390	acoustic howling	US-PGPUB; USPAT	AND	ON	2006/07/19 12:08
S62	48	S61 prevent hole	US-PGPUB; USPAT	AND	ON	2006/07/19 12:08
S63	35	S62 @ad<"20020816"	US-PGPUB; USPAT	AND	ON	2006/07/19 14:14
S64	3	"bone speaker"	US-PGPUB; USPAT	AND	ON	2006/07/19 14:16
S65	15	mastoid near hole	US-PGPUB; USPAT	AND	ON	2006/07/19 14:16
S66	1063	change resonant frequency hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/07/19 14:24
S67	0	S66 bone speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/07/19 14:24



## EAST Search History

S68	0	S66 bone speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 14:24
S69	49	S66 speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 14:24
S70	16	S69 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 14:38
S71	110	381/318.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 14:39
S72	59	S71 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/19 16:37
S73	0	nb magent speaker	US-PGPUB; USPAT	SAME	ON	2006/07/19 16:37
S74	1	nb magnet speaker	US-PGPUB; USPAT	SAME	ON	2006/07/19 16:38
S75	10	nb magnet speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/07/19 16:42
S76	438	nd magnet speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/07/19 16:42

## EAST Search History

S77	19	S76 and @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/07/19 16:58
S78	5307	neodymium magnet	US-PGPUB; USPAT	SAME	ON	2006/07/19 16:58
S79	367	S78 speaker	US-PGPUB; USPAT	AND	ON	2006/07/19 16:58
S80	188	S79 @ad<"20020816"	US-PGPUB; USPAT	AND	ON	2006/07/19 17:09
S81	16	S80 bone	US-PGPUB; USPAT	AND	ON	2006/07/19 17:03
S82	13	bone conduction speaker neodymium magnet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2006/07/19 17:04
S83	188	S80 speaker	US-PGPUB; USPAT	AND	ON	2006/07/19 17:21
S84	58	mass (resonance with vary) holes speaker	US-PGPUB; USPAT	AND	ON	2006/07/19 17:23
S85	31	S84 @ad<"20020816"	US-PGPUB; USPAT	AND	ON	2006/07/19 17:23
S86	307	381/326.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/20 16:07
S87	123	S86 @ad<"20020816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/20 16:07